

**To:** Ruhl, Christopher[Ruhl.Christopher@epa.gov]  
**From:** Williams, Laura  
**Sent:** Thur 8/27/2015 12:51:26 PM  
**Subject:** Fwd: Reduced Sampling Frequency?

Sent from my iPhone

Begin forwarded message:

**From:** "Tulis, Dana" <Tulis.Dana@epa.gov>  
**Date:** August 26, 2015 at 8:15:22 PM MDT  
**To:** "Williams, Laura" <williams.laura@epa.gov>  
**Cc:** "Cheatham, Reggie" <cheatham.reggie@epa.gov>, "Foster, Althea" <Foster.Althea@epa.gov>, "Guria, Peter" <Guria.Peter@epa.gov>, "Ostrander, David" <Ostrander.David@epa.gov>  
**Subject:** Re: Reduced Sampling Frequency?

Sure, let's discuss on the 12:30 pm EST call tomorrow.

Dana S. Tulis  
Deputy Office Director  
Office of Emergency Management  
US EPA  
202-564-7938

On Aug 26, 2015, at 6:42 PM, "Williams, Laura" <williams.laura@epa.gov> wrote:

Dana,

Hopefully you've had a chance to catch your breath now that the trend graphs, with appropriate messaging, have been posted. When we last spoke about reduced sampling frequency for the GKM response, you indicated that part of the decision would be based upon seeing the data representation in the trend graphs. ICP Region 8 (Colorado) has now sampled on a daily basis since the August 5th event and ICPs Region 6 (New Mexico) and Region 9 (Shiprock/Navajo Nation) since August 7th. As indicated by the trend graphs, surface water samples have trended to the pre-pulse levels and, though not all data (post-August 13) have been posted, these values are expected to stay at the same levels even through the samples collected today.

Area Command would like to propose reducing the sampling frequency for

both surface water and sediment to twice weekly for all three regions (6, 8, 9). This frequency will provide an appropriate transition to the long-term monitoring plan that is under review/development. Due to security concerns, we would also propose reducing the sample locations for Region 9 to five which can be safely accessed with tribal police escort (reduced from the original 11 locations). Regions 8 and 6 would continue sampling at the same sample locations without reduction.

We are ready to implement a reduced sampling frequency as soon as tomorrow if a decision can be made timely. We are available to discuss by teleconference if you should need additional discussion. Please let us know at your earliest opportunity. Thank you, lw